

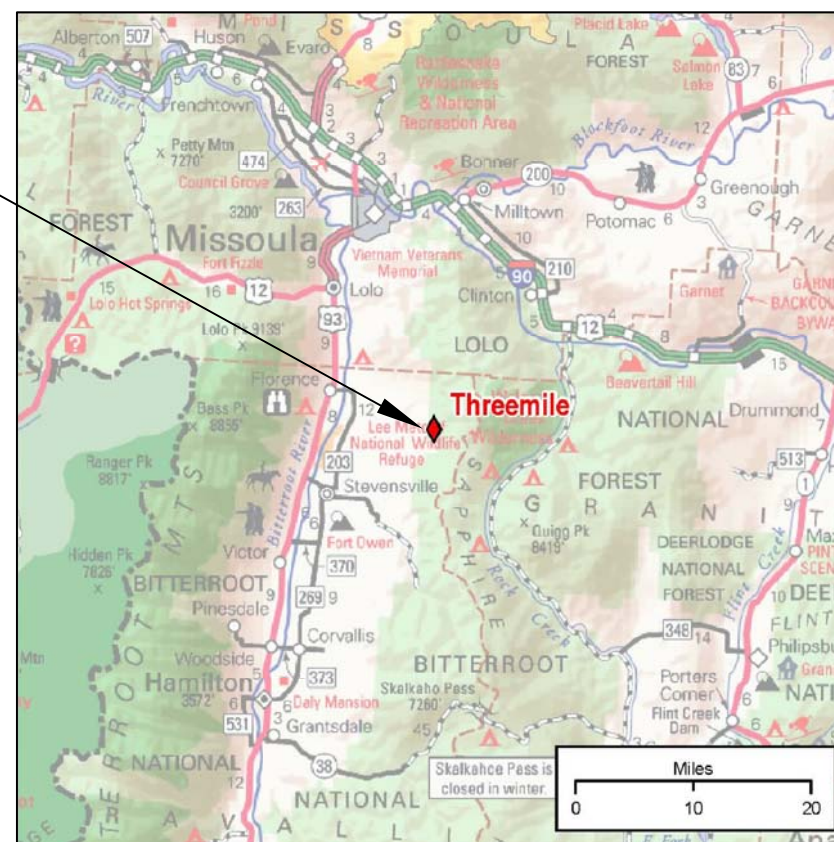
**Montana Fish,
Wildlife & Parks**

THREEMILE

Wildlife Management Area Entrance Road Improvements

FWP PROJECT #599203

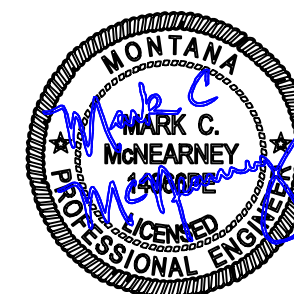
Project Location



Montana Fish, Wildlife & Parks
Design & Construction Section
600 N Park Ave
Helena, MT 59601
406-841-4000 (ph)
406-841-4004 (fax)

SHEET INDEX

1. Title Sheet
2. Overall Site Plan
3. Site Plan - Sta. 0+00 to 22+00
4. Site Plan - Sta. 22+00 to 48+00
5. Site Plan - Sta. 48+00 to 69+70
6. Typical Section/ Misc. Details
7. Misc. Details



M. McNearney	7/2012				
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CHECKED BY:	DATE:	APPROVED BY:	DATE:	APPROVED BY:	DATE:



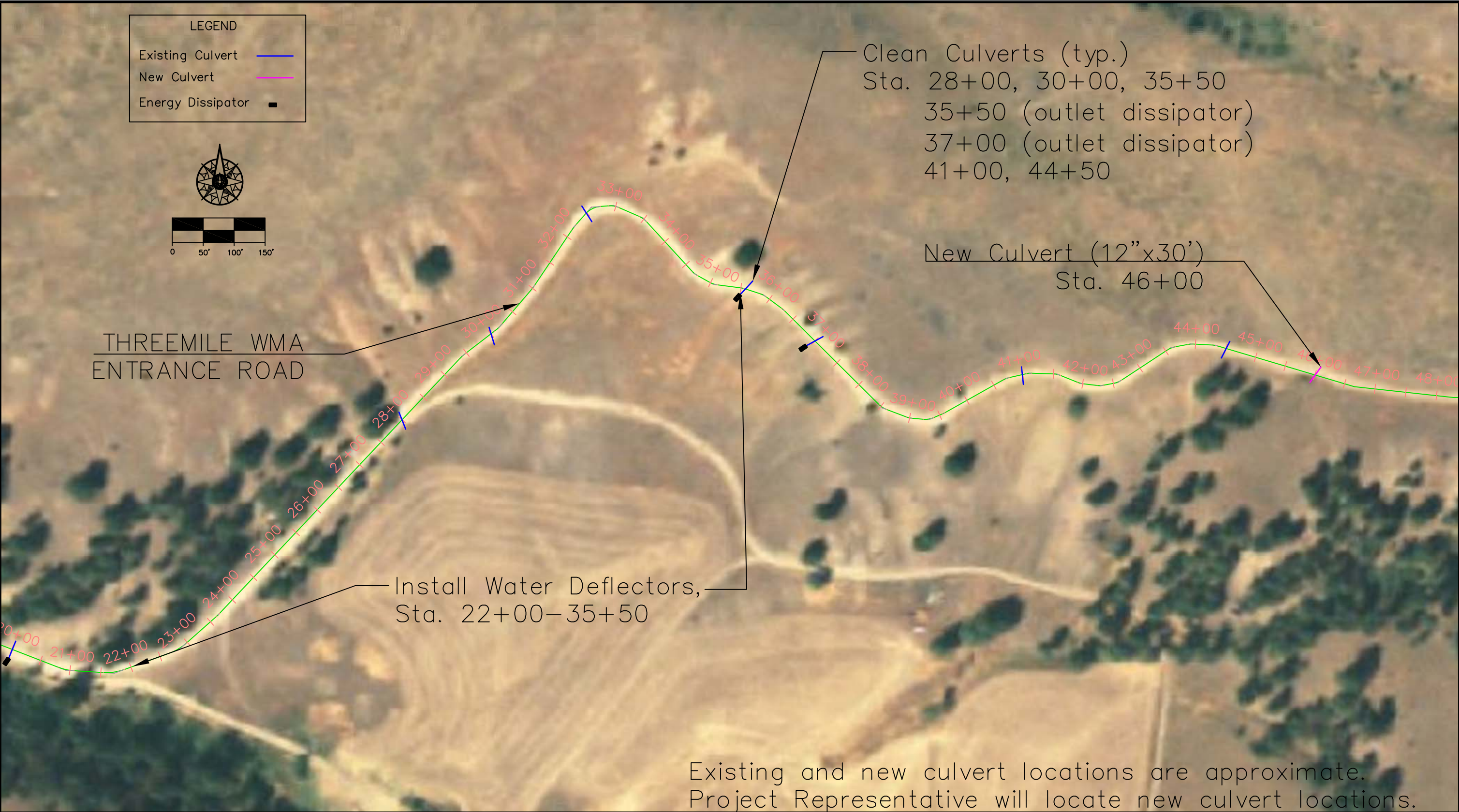
**Montana Fish,
Wildlife & Parks**

Title Sheet
Threemile WMA (near Florence, MT)

SHEET: 1 of 7







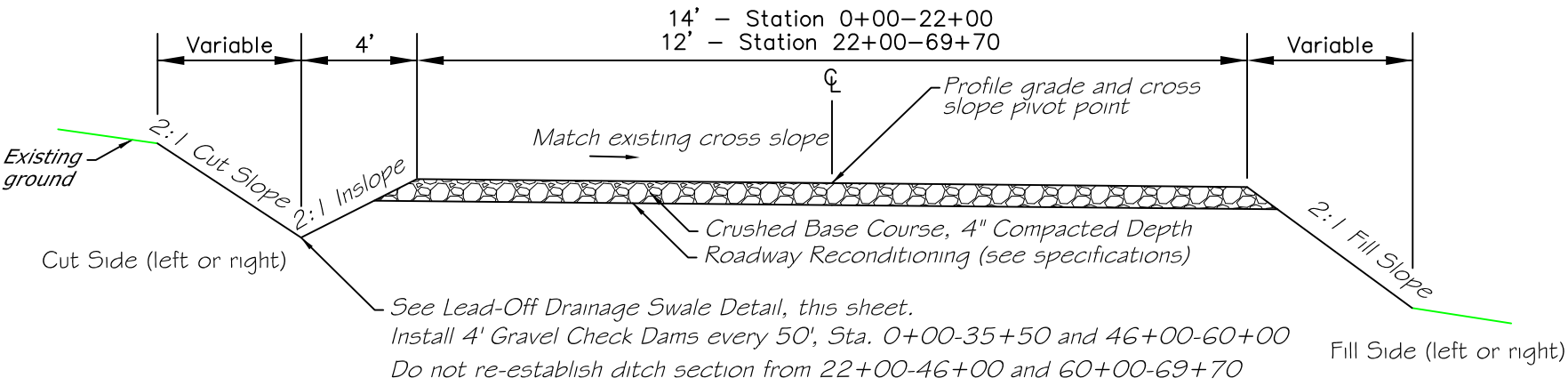
Existing and new culvert locations are approximate.
Project Representative will locate new culvert locations.



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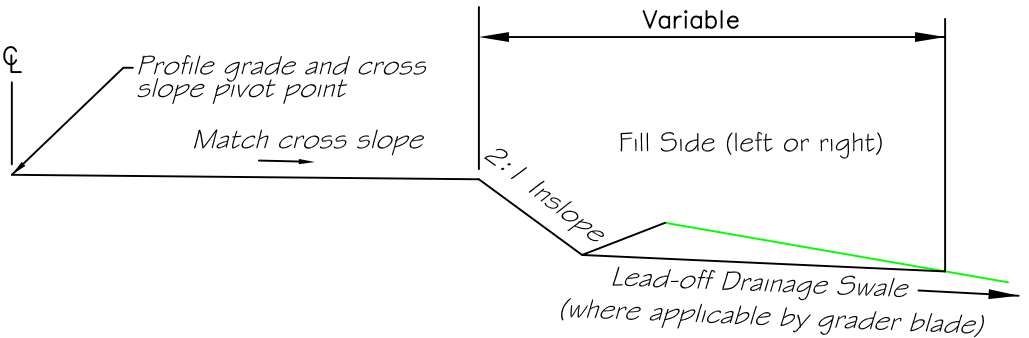
ROADWAY TYPICAL SECTION

(Not to Scale)



LEAD-OFF DRAINAGE SWALE

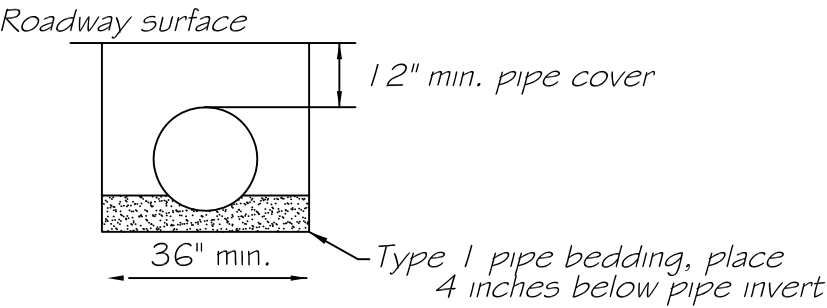
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- NOTES:
1. Establish well developed ditch flow lines.
 2. Construct lead-off drainage swales in shallow cut areas.
 3. Construct lead-off drainage swales every 500', or at approved locations.

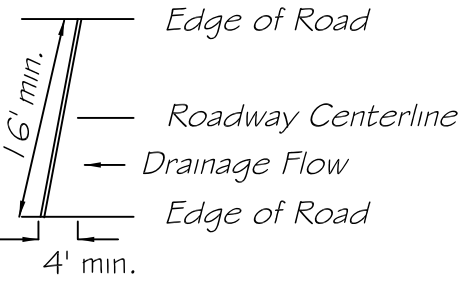
CULVERT BEDDING DETAIL

(Not to Scale)

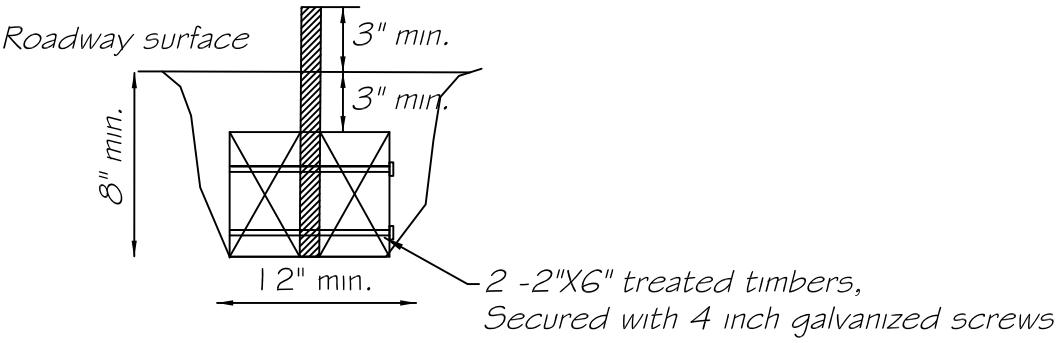


WATER DEFLECTOR

(Not to Scale)



PLAN



ELEVATION

- NOTES:
1. Space water deflectors every 200' from Sta. 22+00 to 35+50..
 2. Maintain a 4' distance difference between each end of water deflector.

M. McNearney August, 2012

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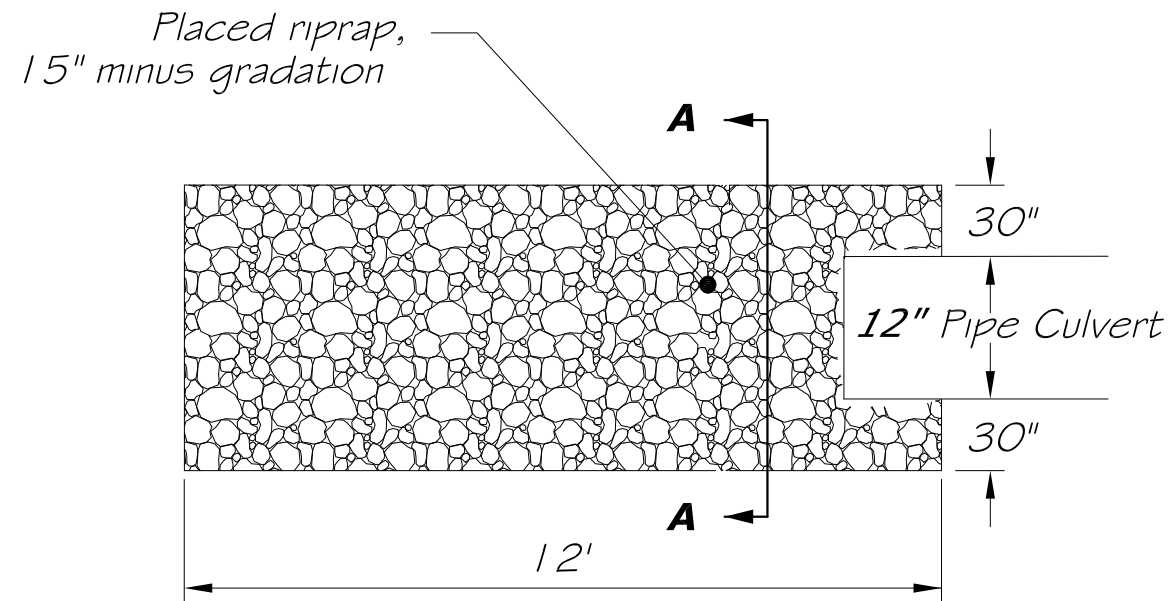
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**Montana Fish,
Wildlife & Parks**

Typical Section/Misc. Details
Threemile WMA (near Florence, MT)

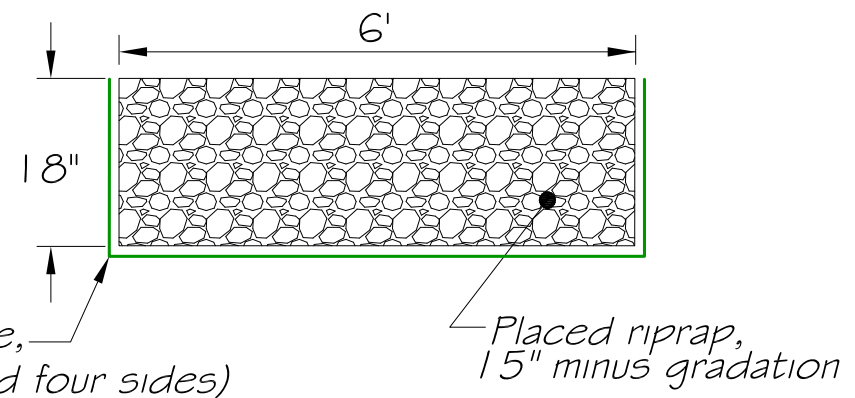
**SHEET: 6
of 7**



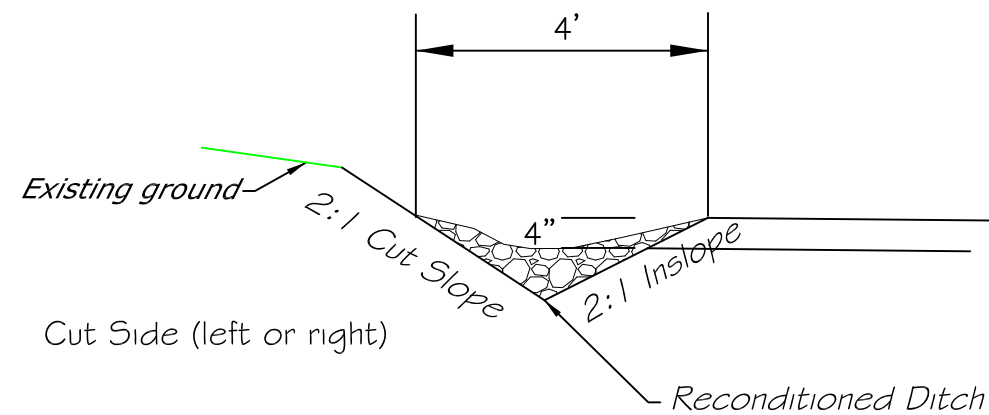
PLAN

**ENERGY DISSIPATOR
PIPE CULVERT OUTLET DETAILS**

(Not to Scale)



**SECTION A-A
ELEVATION**



GRAVEL CHECK DAM DETAIL

(Not to Scale)

NOTES:

1. Space gravel check dams every 50' for reconditioned ditch areas.
2. Maintain a 4" elevation difference between top of check dam and road surface.

M. McNearney August, 2012
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**Montana Fish,
Wildlife & Parks**

Misc. Details
Threemile WMA (near Florence, MT)

SHEET: 7
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